

A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



REPORT NUMBER: 14-171-158

CLIENT NO: 5441-D

SEND TO: TERRA RENEWAL
12812 VALLEY VIEW #9
GARDEN GROVE, CA 92845

SUBMITTED BY: CHRIS MARKS

CUSTOMER: MERCED

LAB NO: 27483

DATE: 07/03/2014

ORGANIC FERTILIZER REPORT

PAGE: 1

| SAMPLE ID | REPORT OF ANALYSIS IN PERCENT | | | | | | | | | REPORT OF ANALYSIS IN PARTS PER MILLION | | | | | | |
|-----------|-------------------------------|--------------|---|-------------|-------------------------|----------|--------------|------------|-----------|---|-------------|--------------|-----------|---------|-----|--|
| | Nitrogen N | Phosphorus P | Phosphate P ₂ O ₅ | Potassium K | Potash K ₂ O | Sulfur S | Magnesium Mg | Calcium Ca | Sodium Na | Iron Fe | Aluminum Al | Manganese Mn | Copper Cu | Zinc Zn | B | |
| EBMUD | 3.48 | 3.19 | 7.31 | 0.510 | 0.614 | 1.990 | 0.880 | 3.070 | 0.690 | 36240 | 30760 | 395 | 321 | 674 | 5.0 | |

| SAMPLE ID | POUNDS OF NUTRIENTS / TON | | | | | | | | | | | | | | | |
|-----------|---------------------------|--------------|---|-------------|-------------------------|----------|--------------|------------|-----------|---------|-------------|--------------|-----------|---------|------|--|
| | Nitrogen N | Phosphorus P | Phosphate P ₂ O ₅ | Potassium K | Potash K ₂ O | Sulfur S | Magnesium Mg | Calcium Ca | Sodium Na | Iron Fe | Aluminum Al | Manganese Mn | Copper Cu | Zinc Zn | B | |
| EBMUD | 69.6 | 63.8 | 146.2 | 10.2 | 12.3 | 39.8 | 17.6 | 61.4 | 13.8 | 72.5 | 61.5 | 0.8 | 0.6 | 1.3 | <0.1 | |

☐ Reported on an as-received basis Moisture =

☒ Reported on a dry basis Moisture = 77.10%

Remarks: To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 8.4
C:N Ratio = 9:1
Soluble Salts = 3.0 dS/m
Organic Matter = 51.61 %
Ammonia Nitrogen = 0.098 %
Nitrate Nitrogen = <0.0025 %
Chloride = 0.74 %
Organic Nitrogen = 3.38 %
Volatile Solids = 51.61 %

Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or in part, nor may any reference be made to the work, the result or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.


Robert Butterfield

A & L WESTERN LABORATORIES, INC.

DENALI_002251